

While the invention has been disclosed by reference to the details of preferred embodiments of the invention, it is to be understood that the disclosure is intended in an illustrative rather than in a limiting sense, as it is contemplated that modifications will readily occur to those skilled in the art,

5 within the spirit of the invention and the scope of the appended claims.

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| 5 | <110> | Achilefu, Samuel I. Bugaj, Joseph E. Dorshow, Richard B. Rajagopalan, Raghavan |
| | | Mallinckrodt Inc. |
| | <120> | Tumor Targeted Photodiagnostic- Phototherapeutic Agents |
| | <130> | MRD-72 |
| 10 | <140> | |
| | <141> | 2001-10-17 |
| | <150> | |
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| 15 | <170> | PatentIn Version 3.1 |
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| | <221> | MOD_RES_ |
| | <222> | (1)...(8) |
| | <223> | Xaa at location 1 represents D-Phe. Artificial sequence is completely synthesized. |
| 25 | <223> | Xaa at locations 2 and 7 represents Cys with an intramolecular disulfide bond between two Cys amino acids. Artificial sequence is completely synthesized. |
| 30 | <223> | Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized. |
| | <400> | 1 |
| | | Xaa Xaa Tyr Xaa Lys Thr Xaa Thr |
| | | 1 5 |

Patent 4,034,034

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| 10 | <div><223></div> | <div>Xaa at location 1 represents D-Phe. Artificial sequence is completely synthesized.</div> | |
| | <div><223></div> | <div>Xaa at locations 2 and 7 represents Cys with an intramolecular disulfide bond between two Cys amino acids. Artificial sequence is completely synthesized.</div> | |
| 15 | <div><223></div> | <div>Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized.</div> | |
| | <div><223></div> | <div>Xaa at location 8 represents Thr-OH. Artificial sequence is completely synthesized.</div> | |
| | <div><400></div> | <div>2</div> | |
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